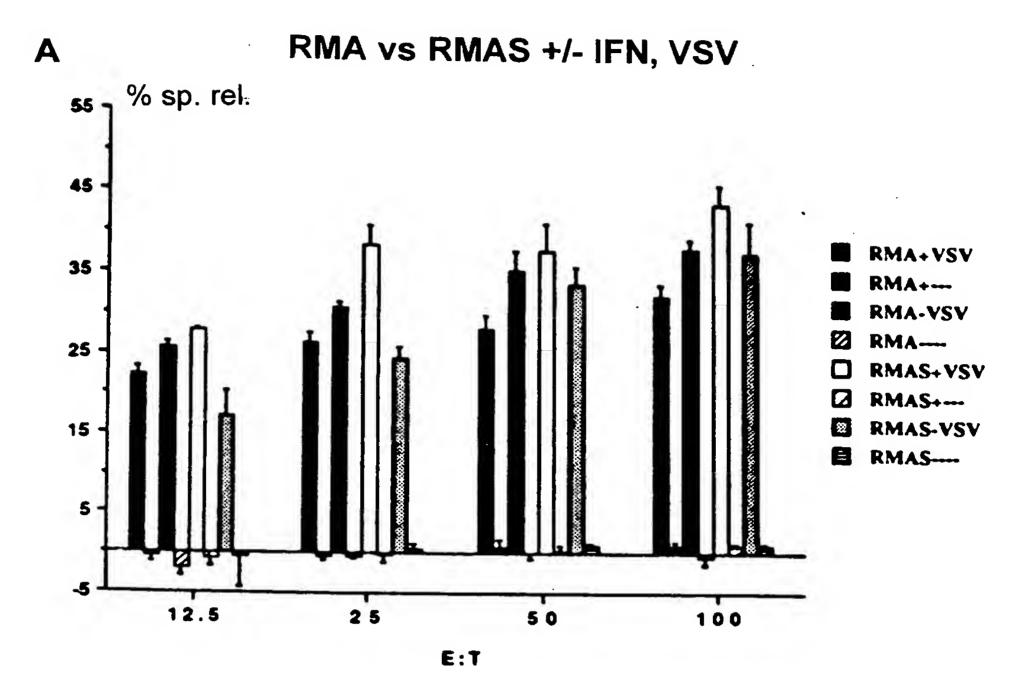


FIGURE 1A



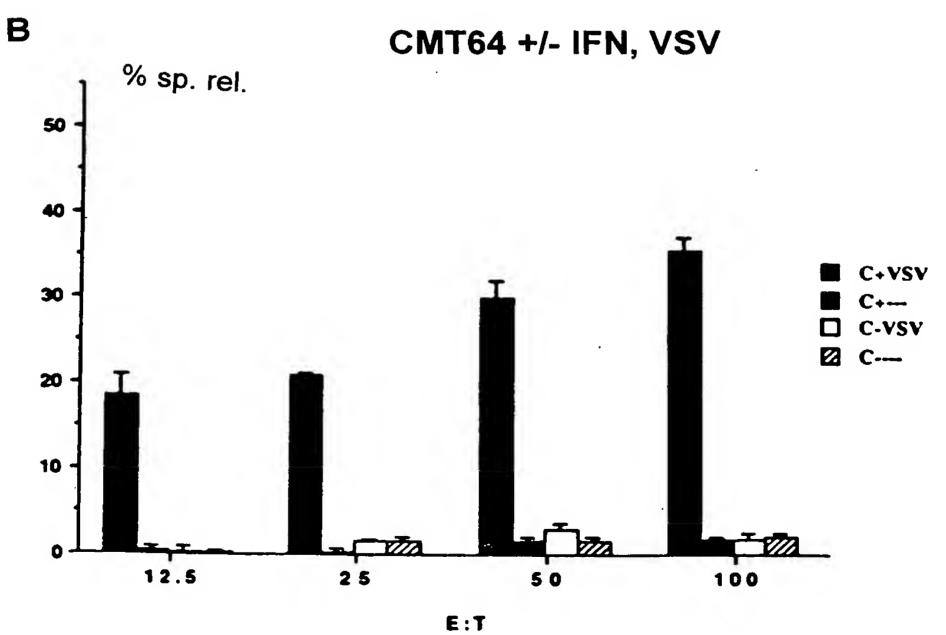


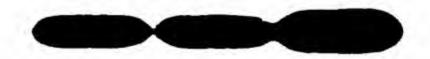
FIGURE 1B

1 2 3 4

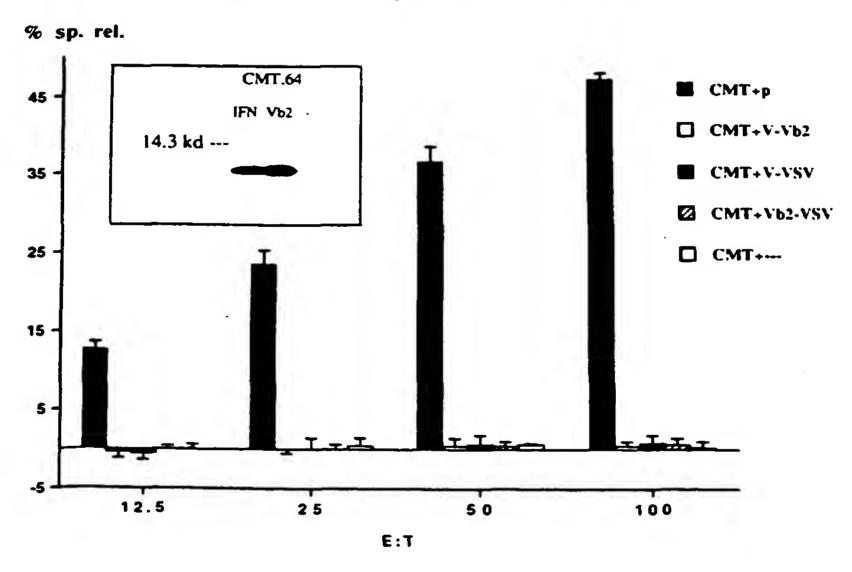
CMT.64 RMA RMA-S

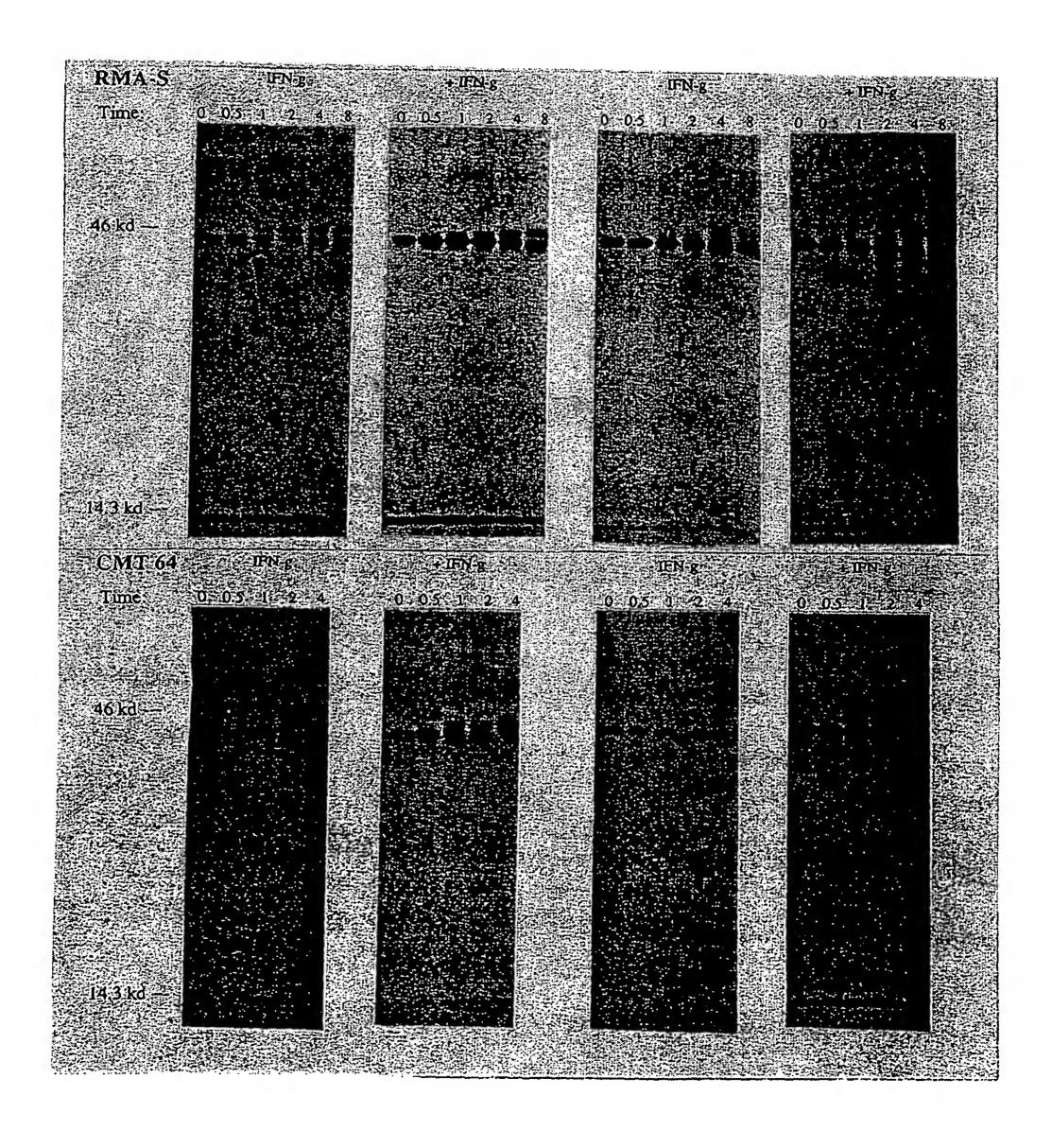
IFN-g - + - -

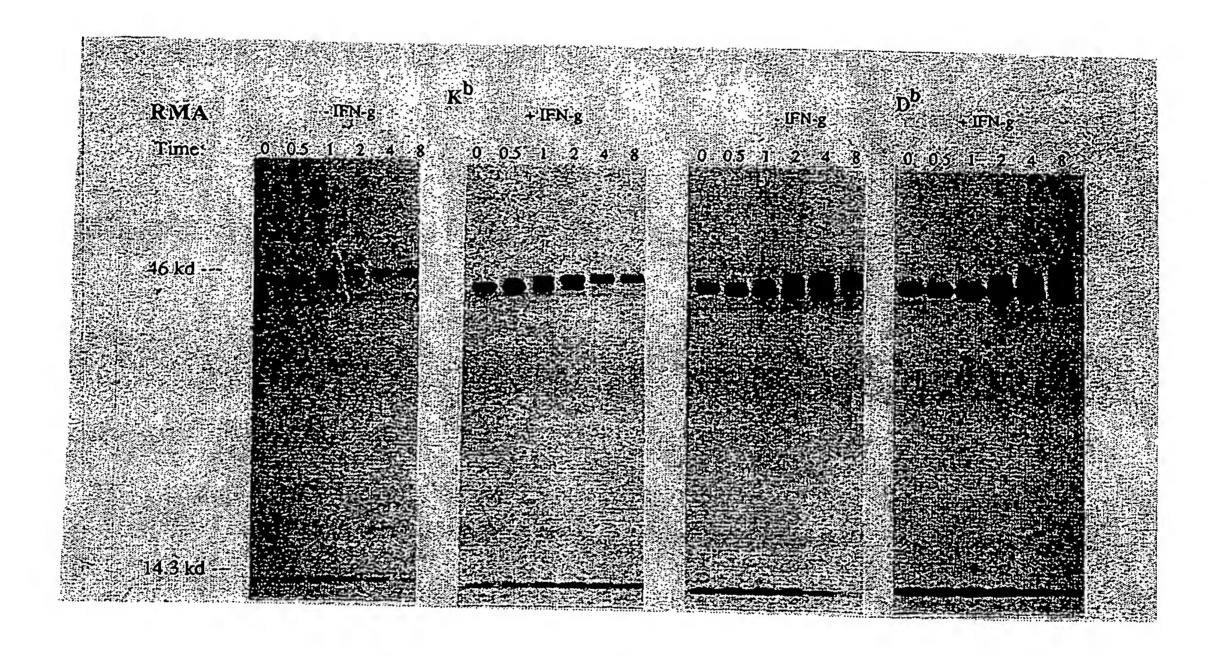
14.3 kd ---

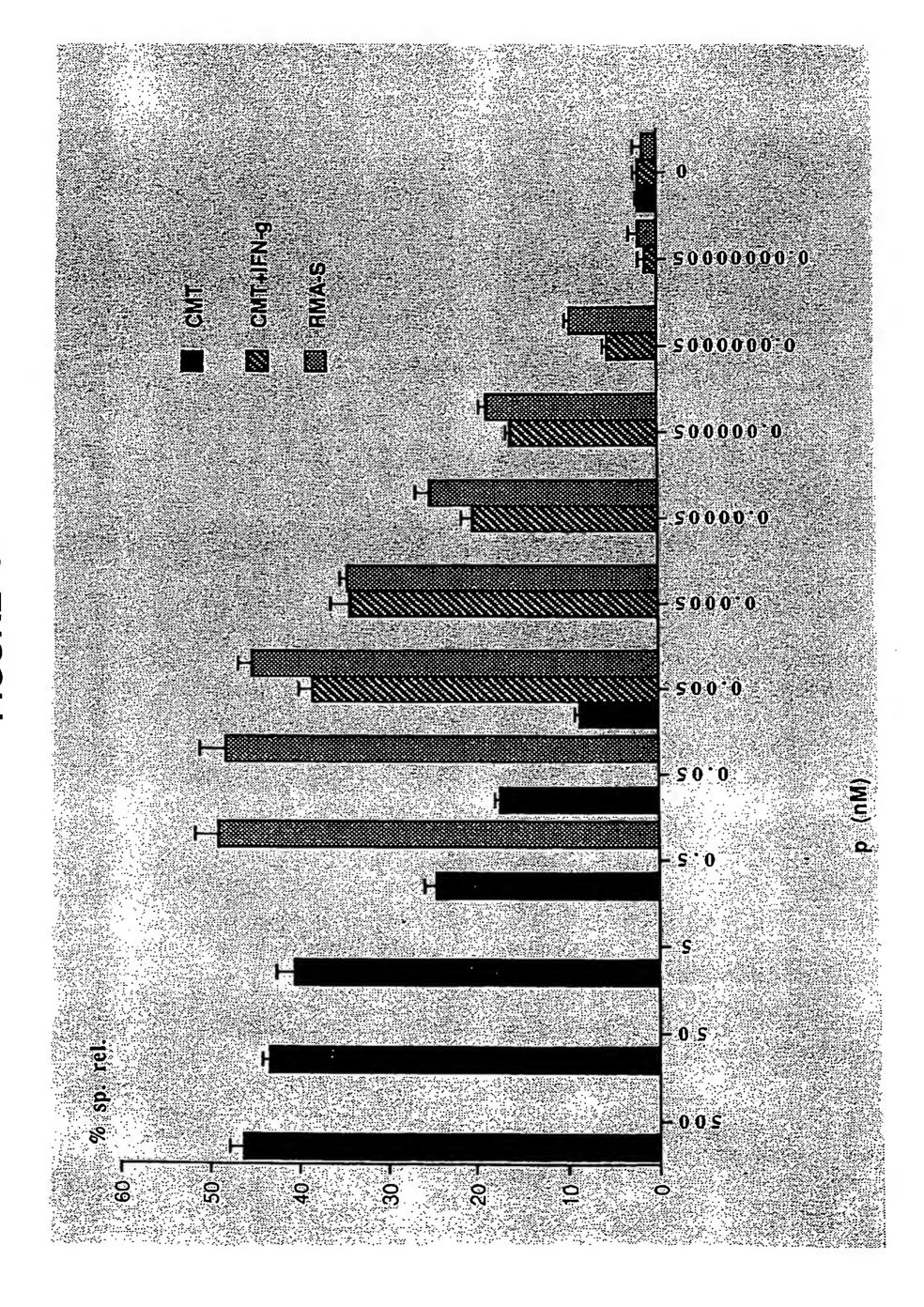


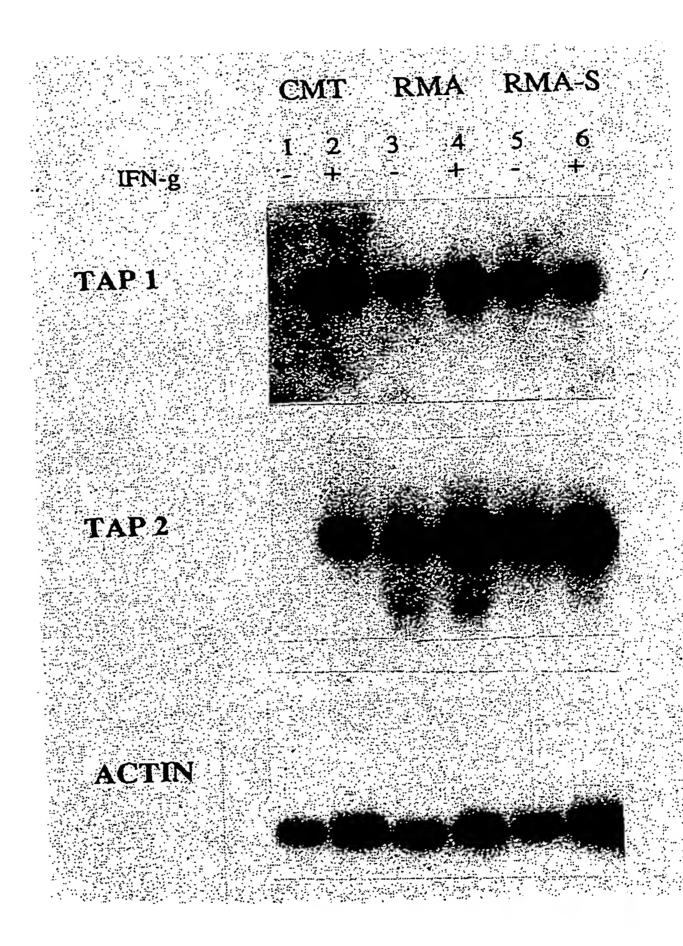
CMT 64 +/- VSV; Superinfection with Vac, or Vacb2

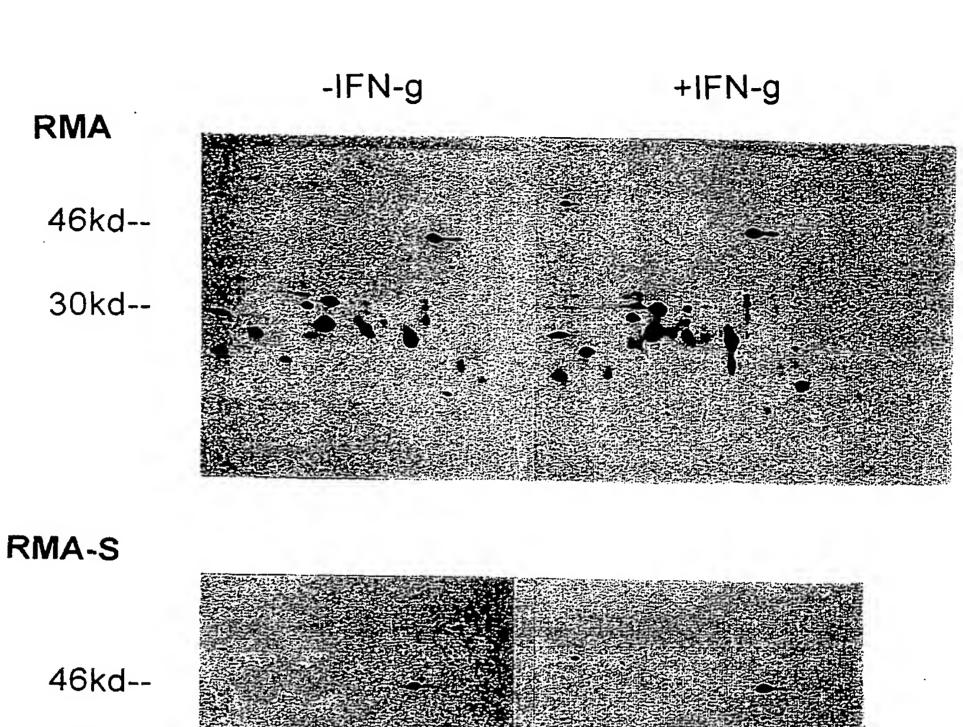




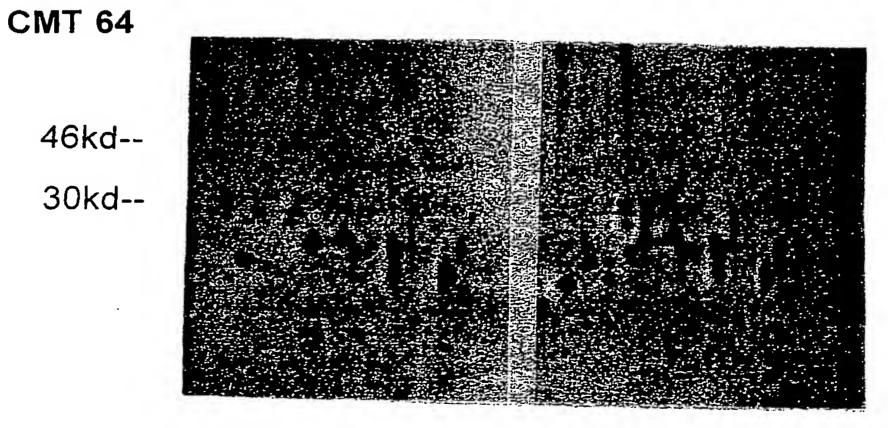




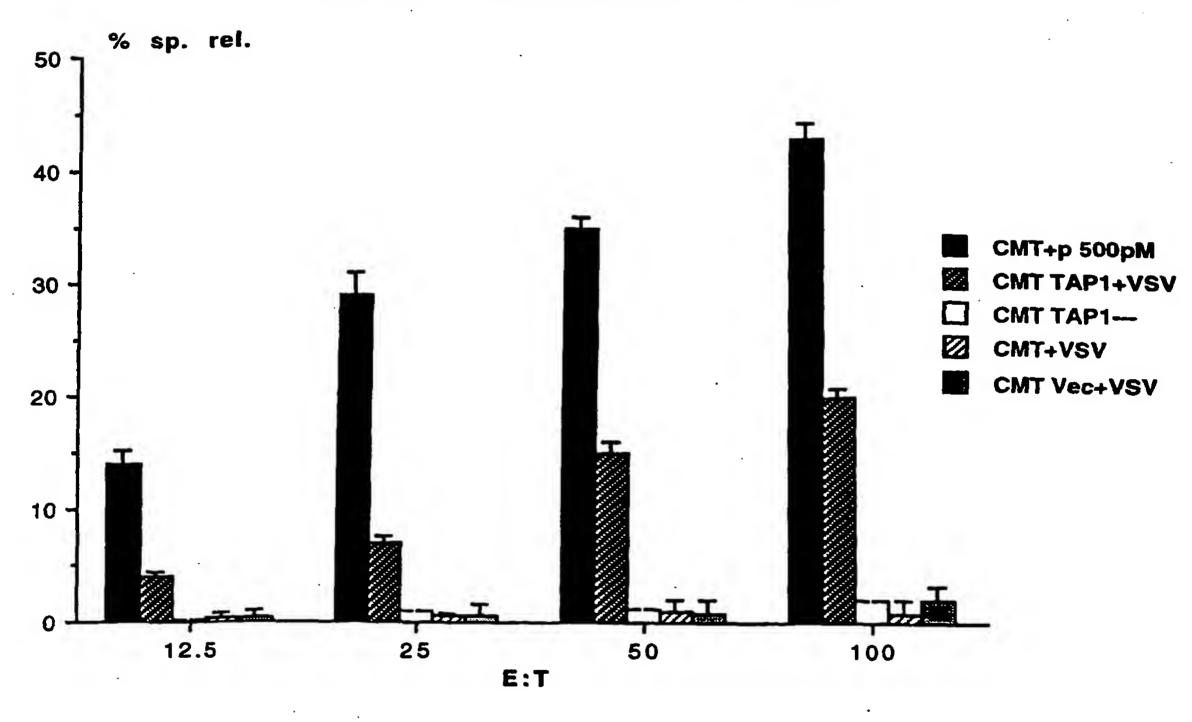


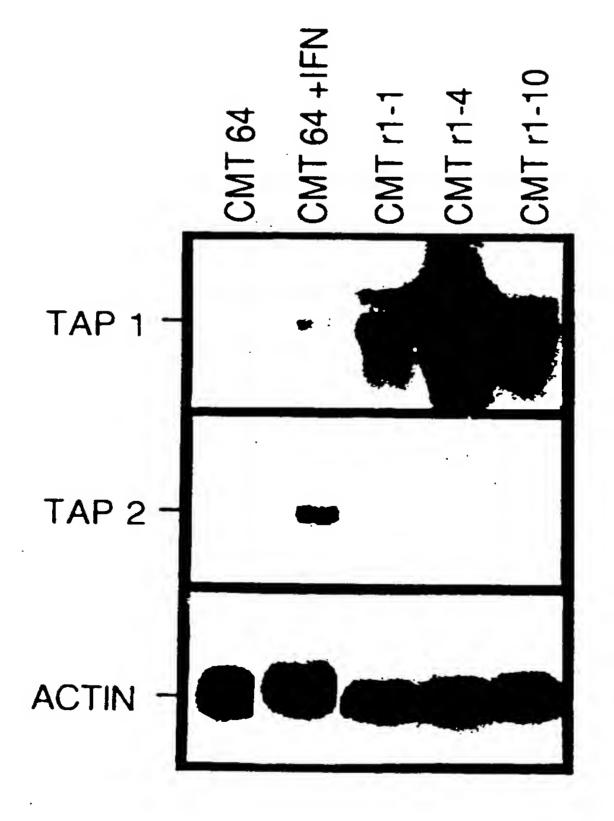


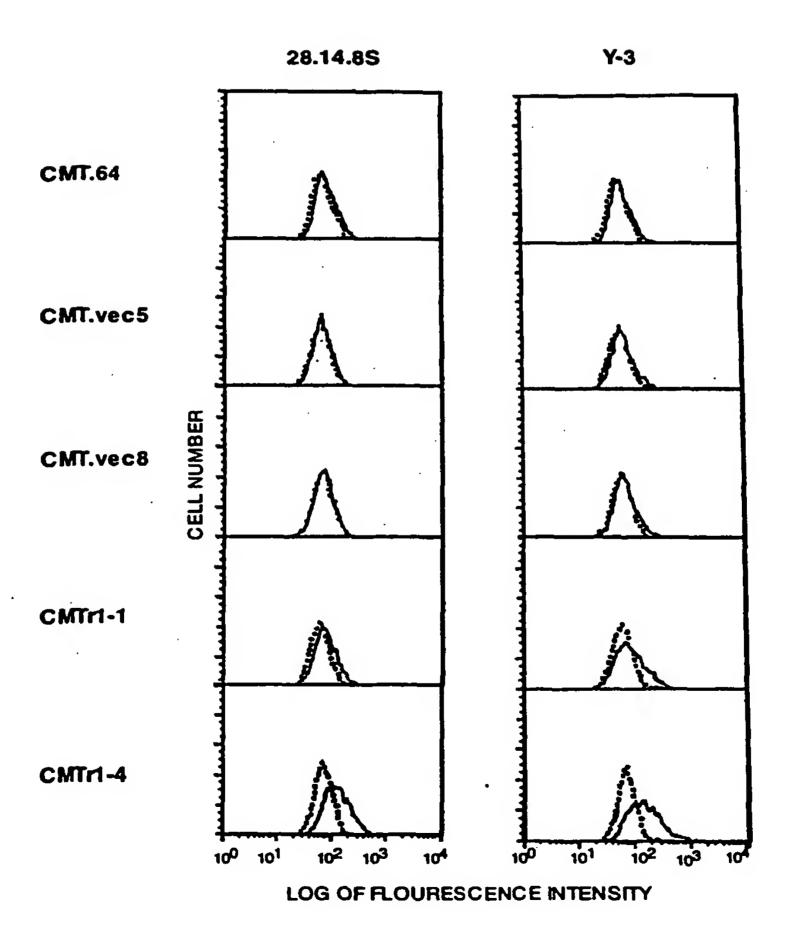


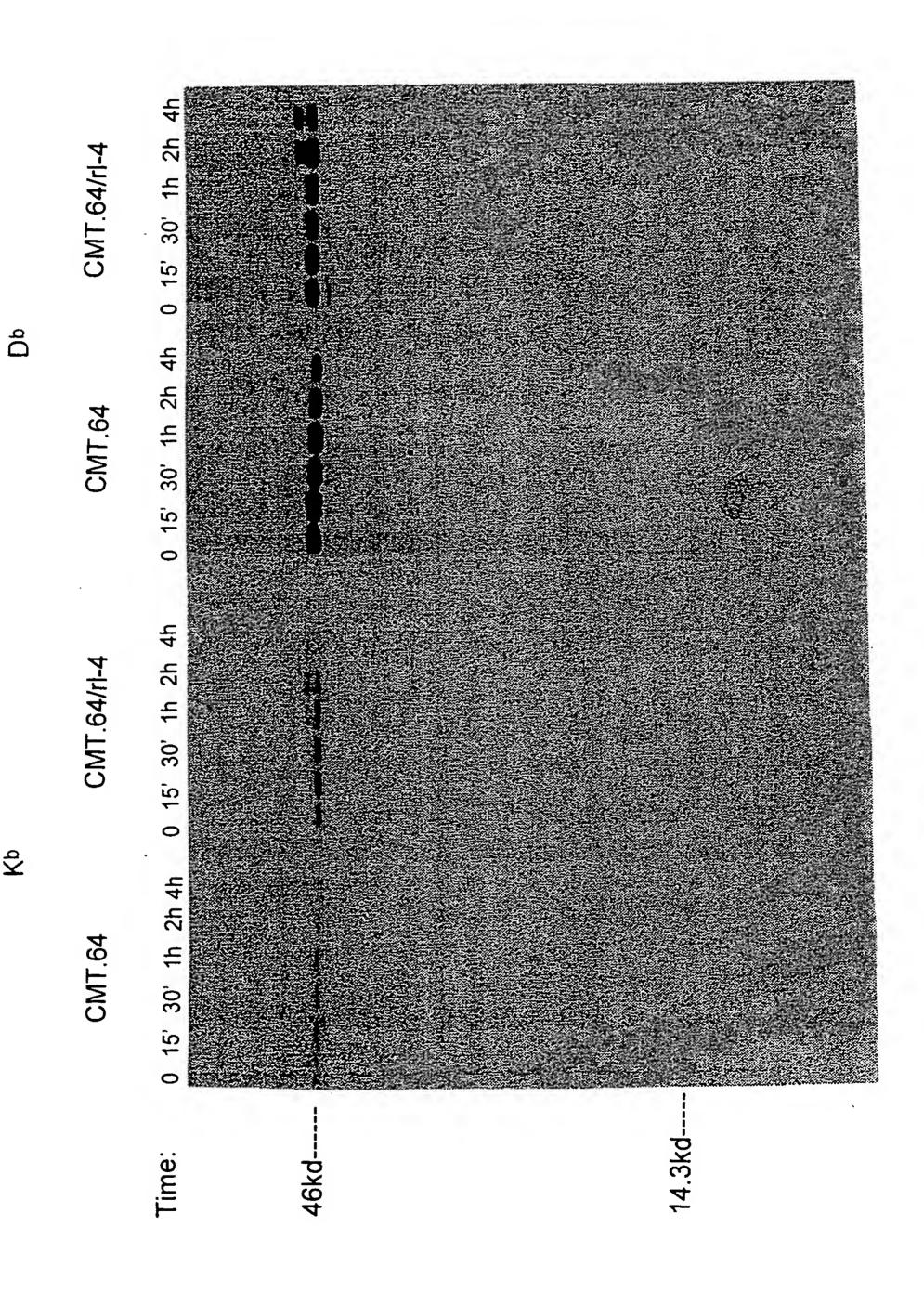


CMT.64 Transfectants +/- VSV





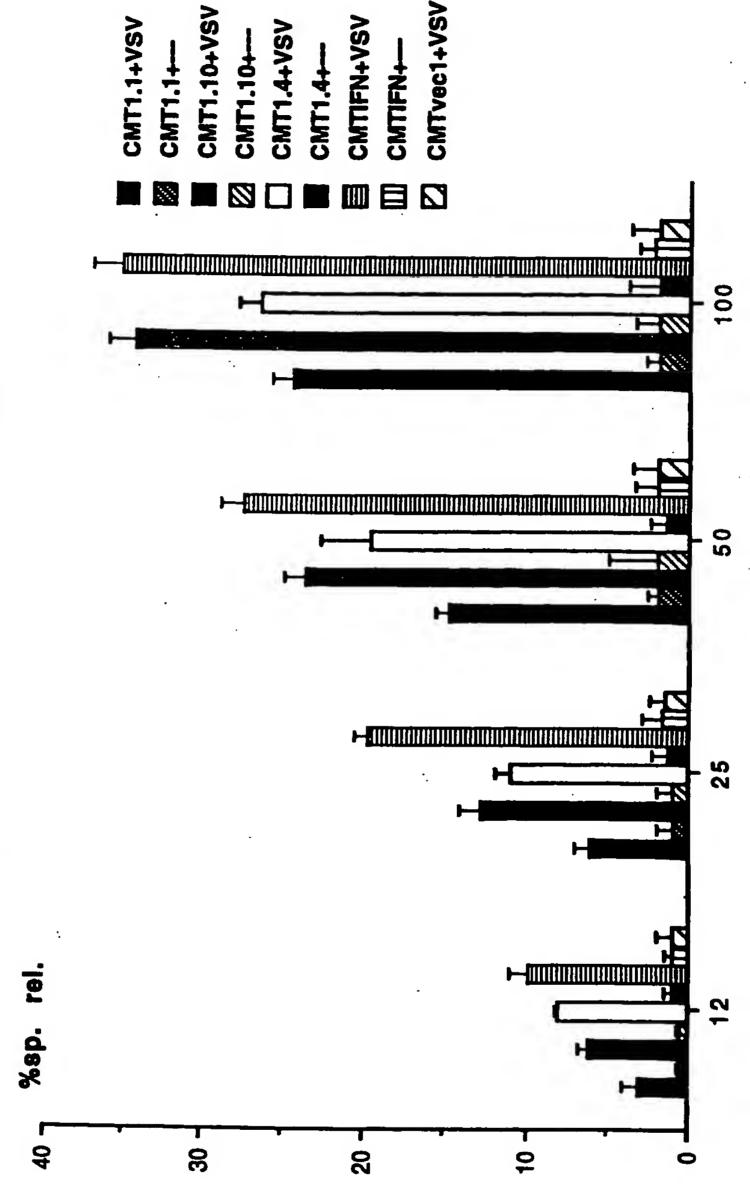




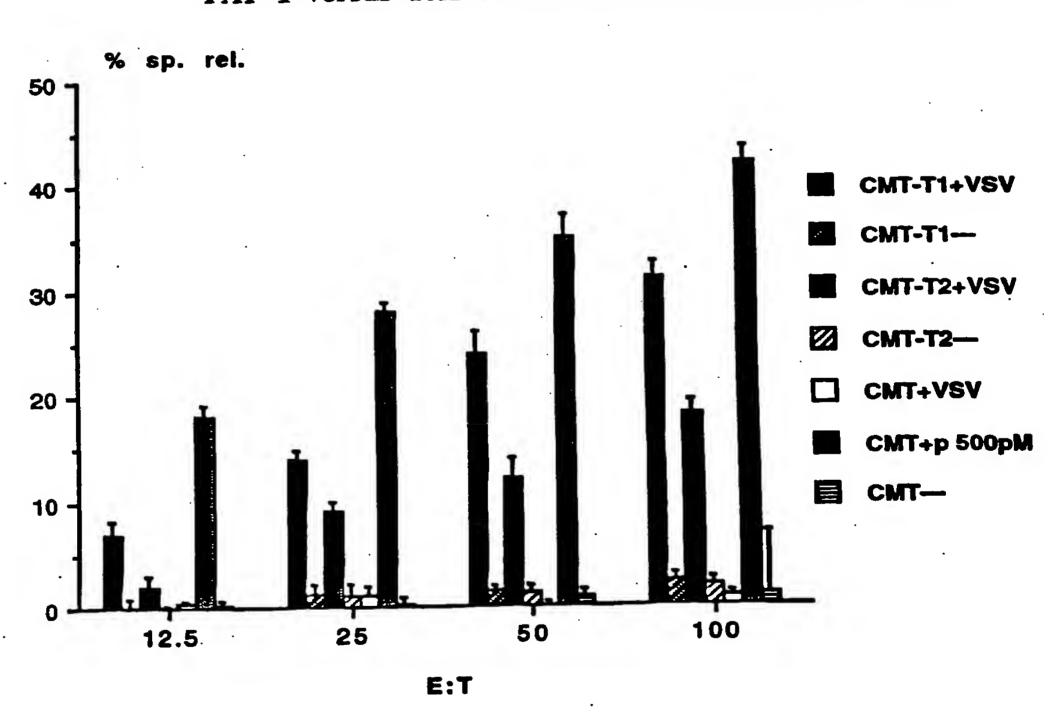
E:1

FIGURE 13



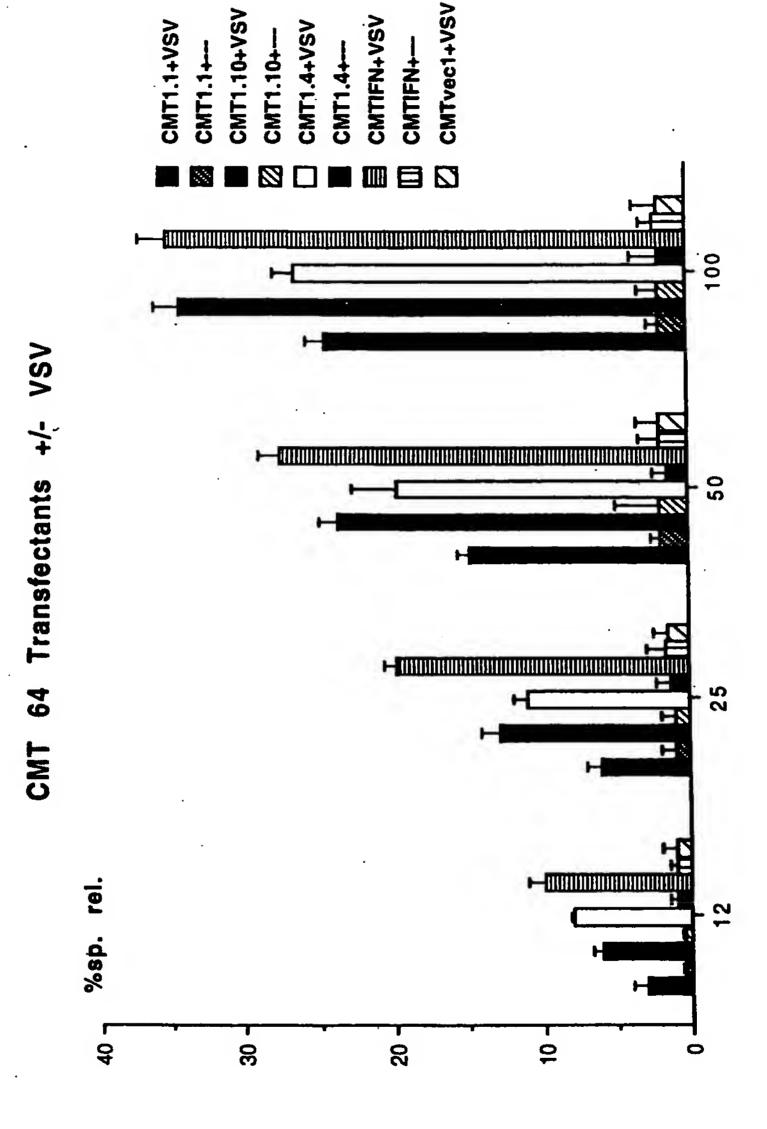


TAP 1 versus TAP 2 CMT 64 Transfectants +/- VSV

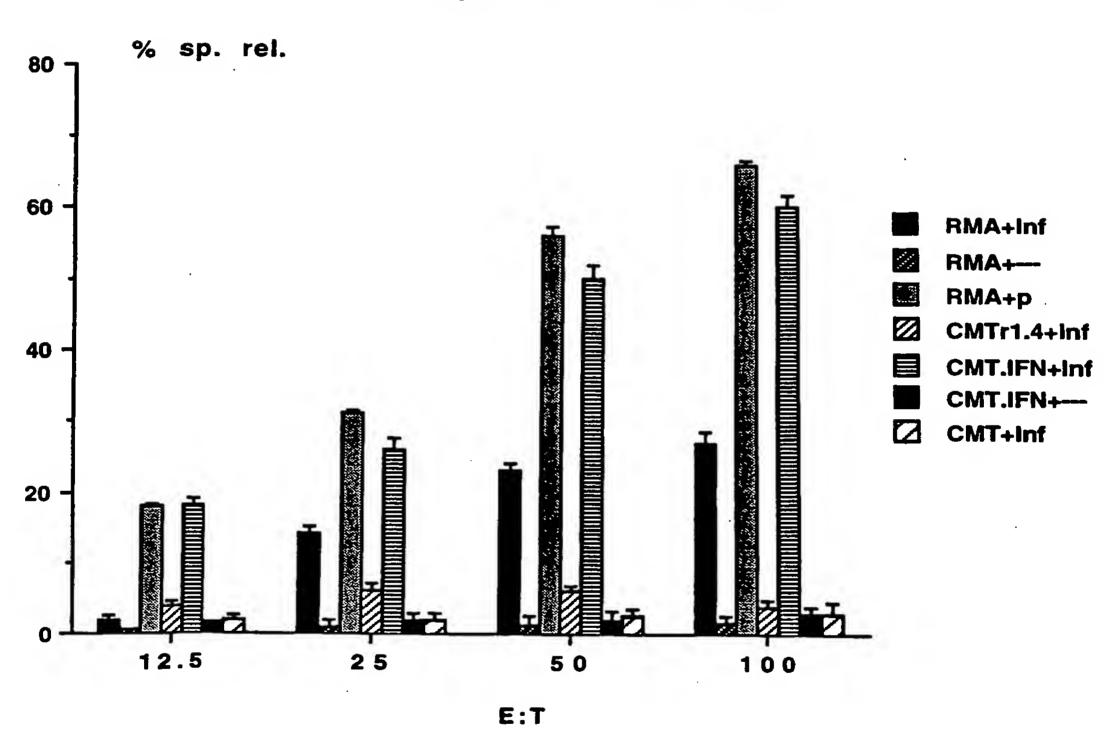


E:T

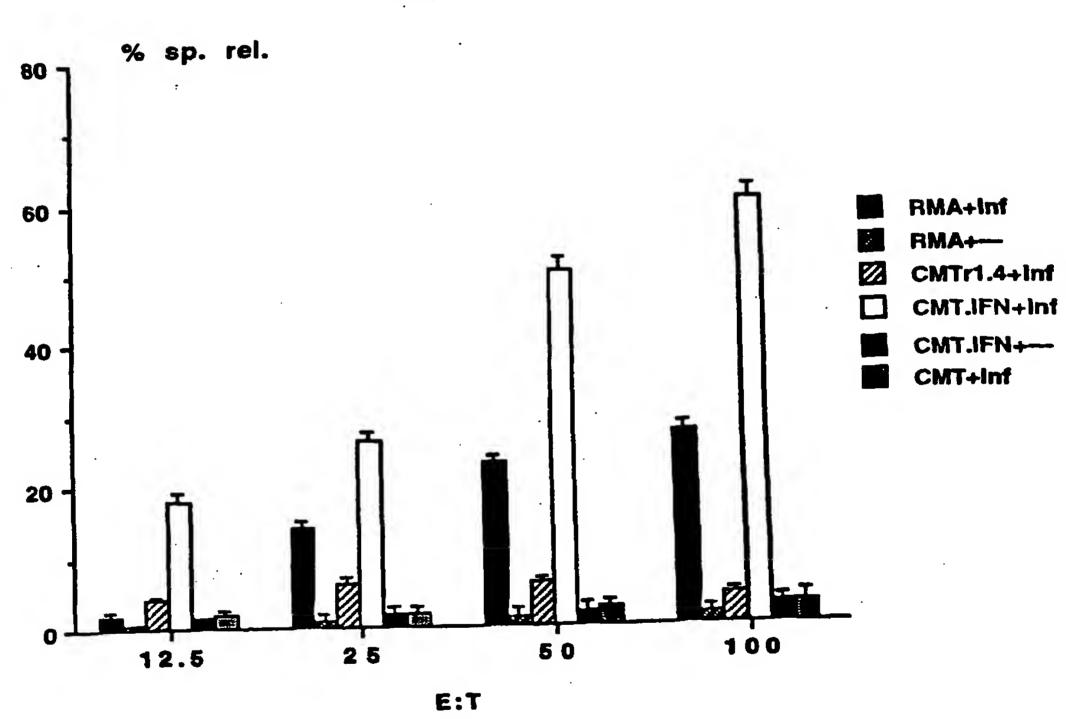
FIGURE 15



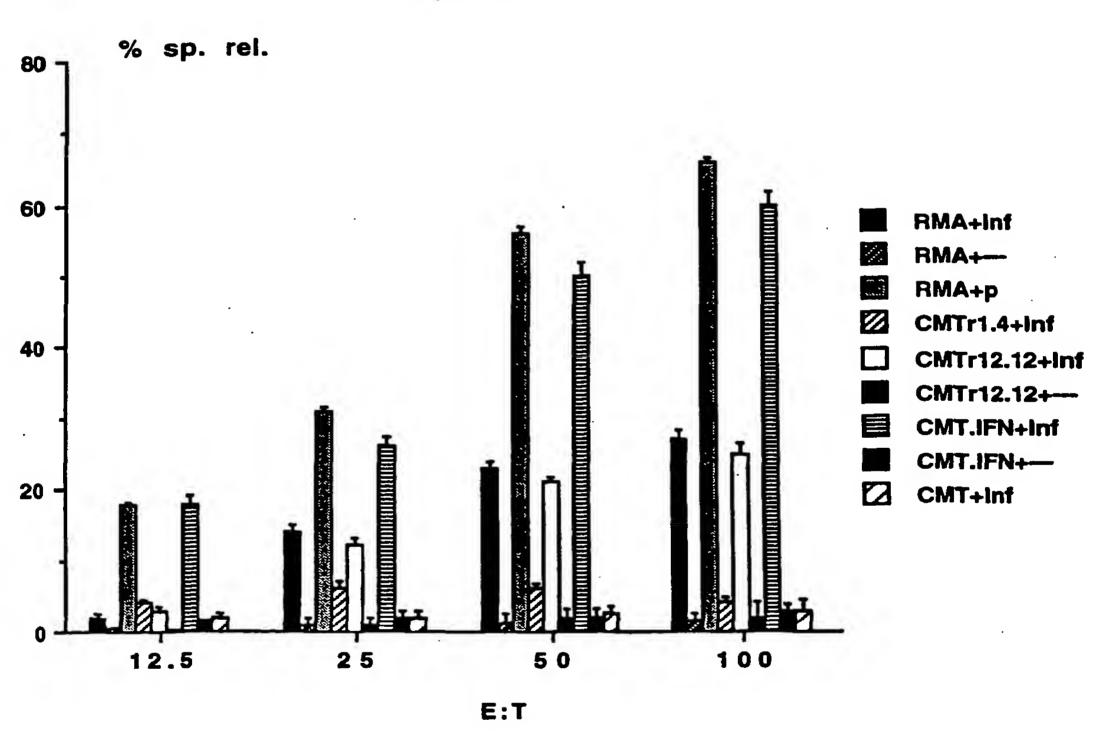
CTL Response to Influenza



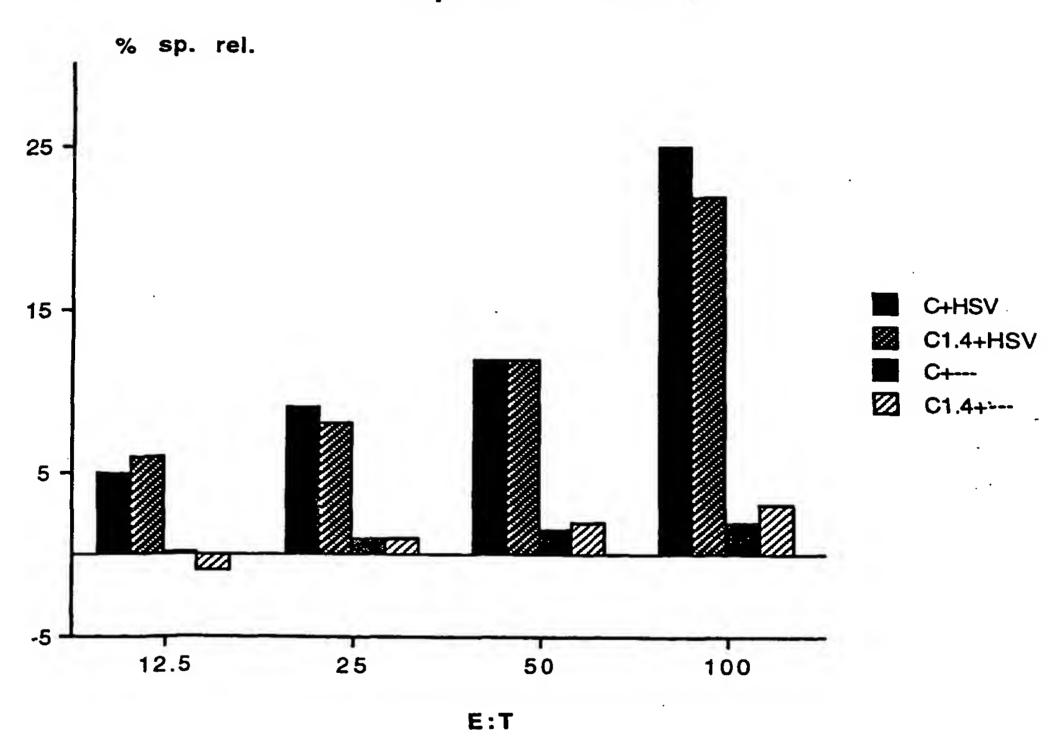
CTL Response to Influenza

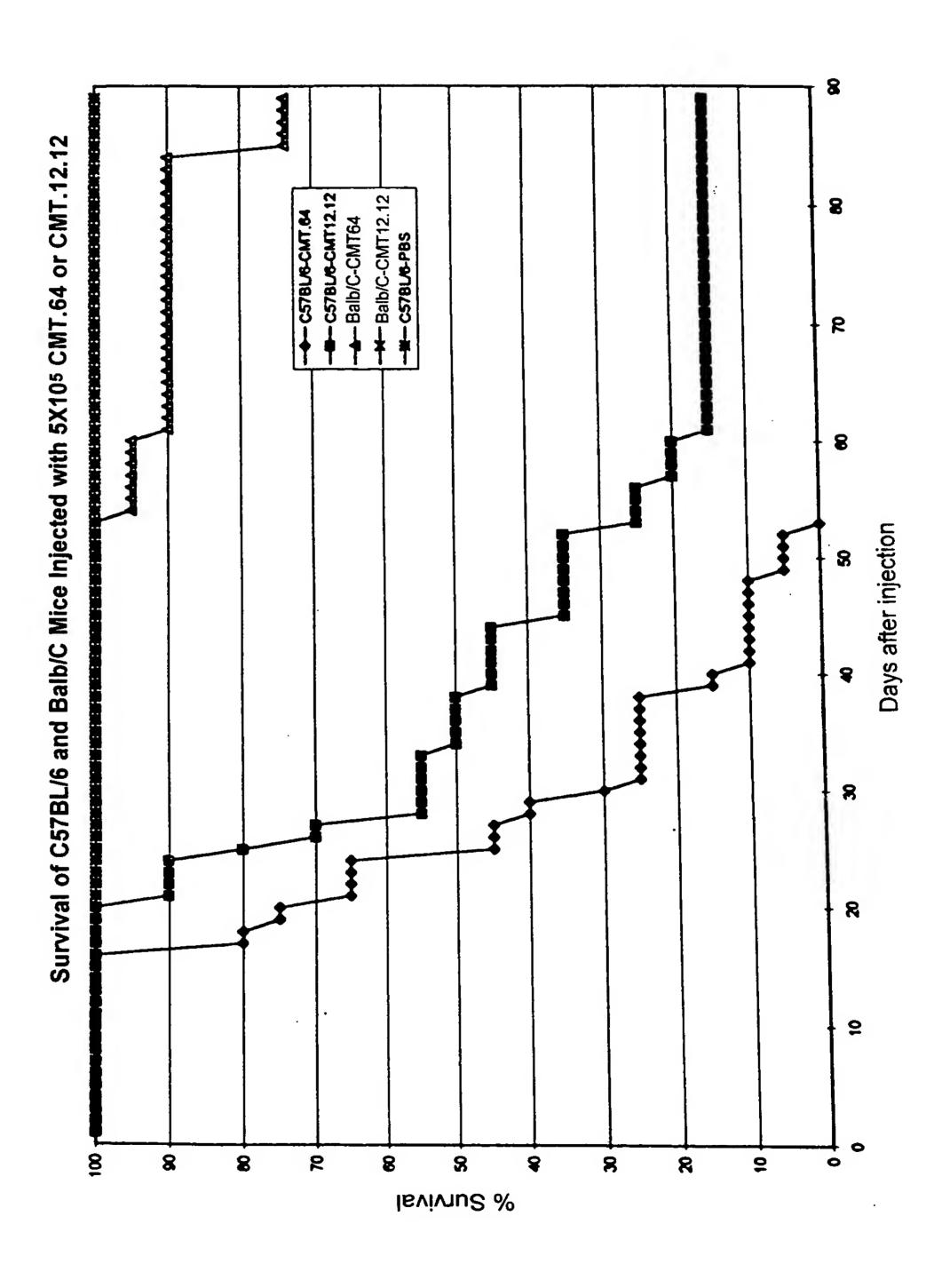


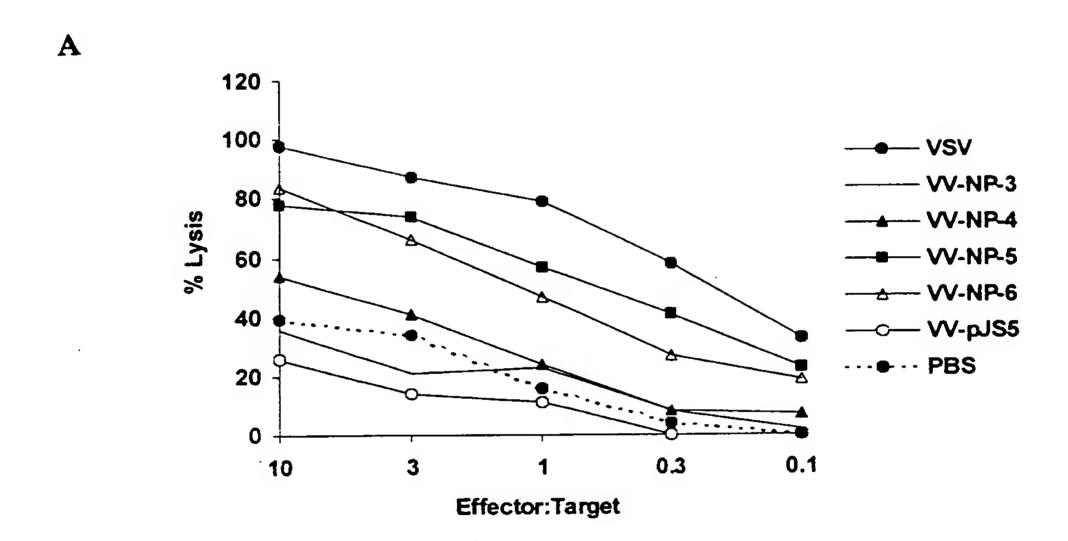
CTL Response to Influenza



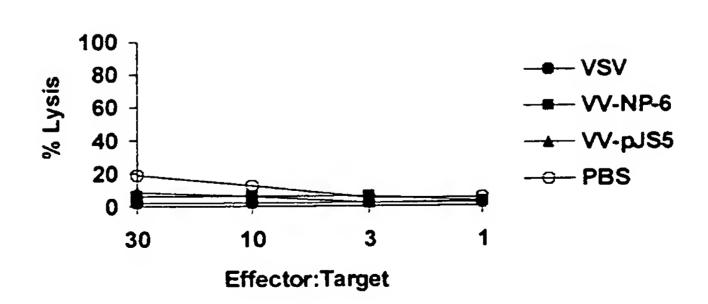
CTL Response to HSV-1



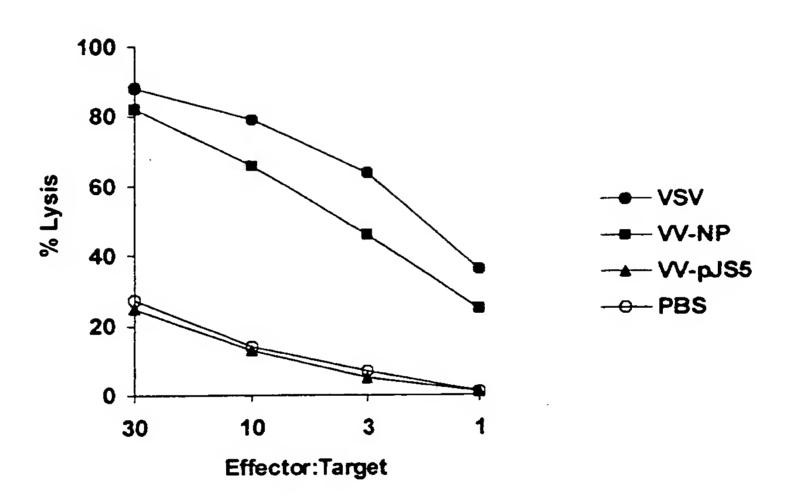




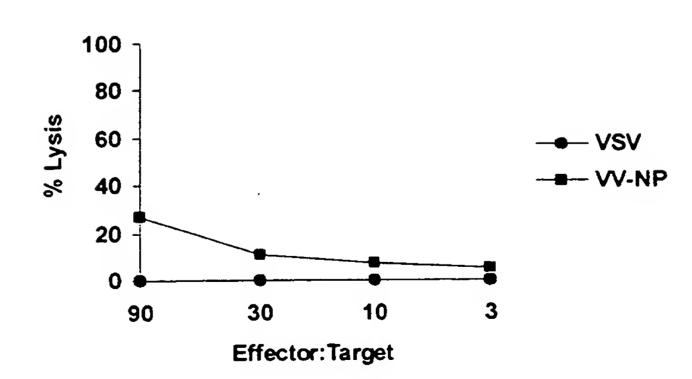
 ${f B}$

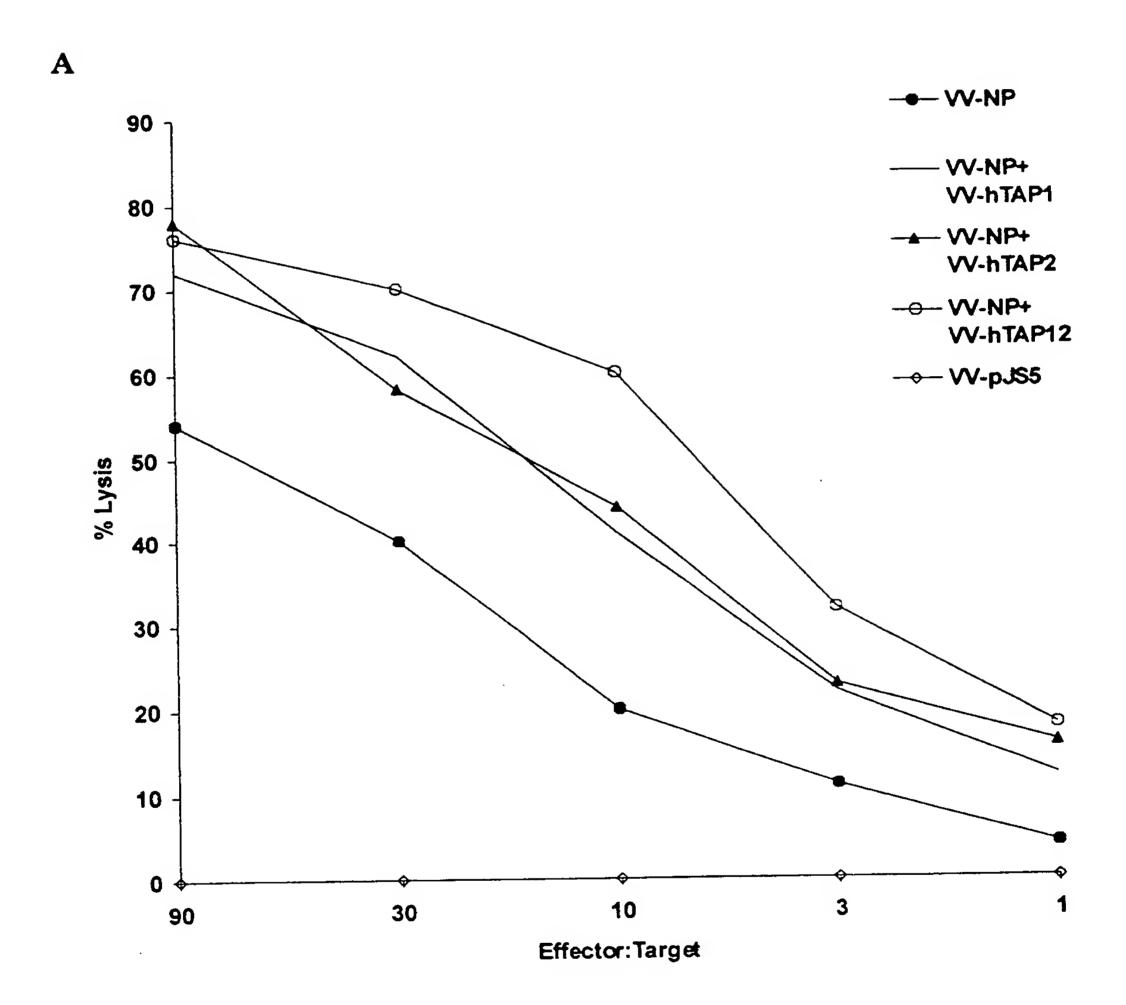


A



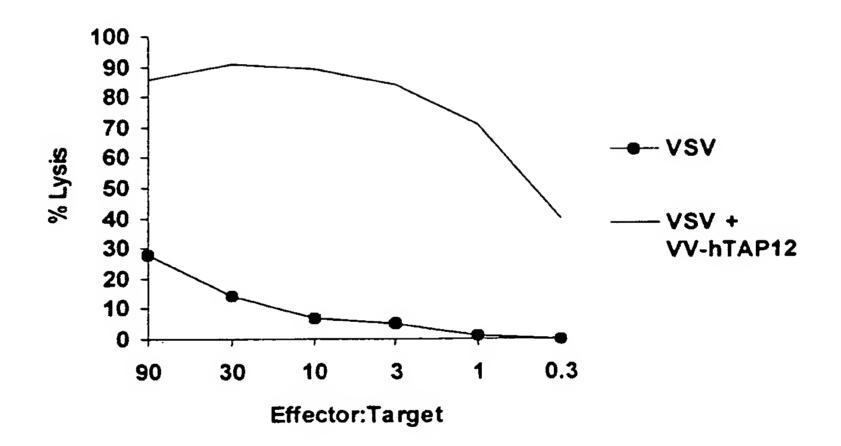
 \mathbf{B}



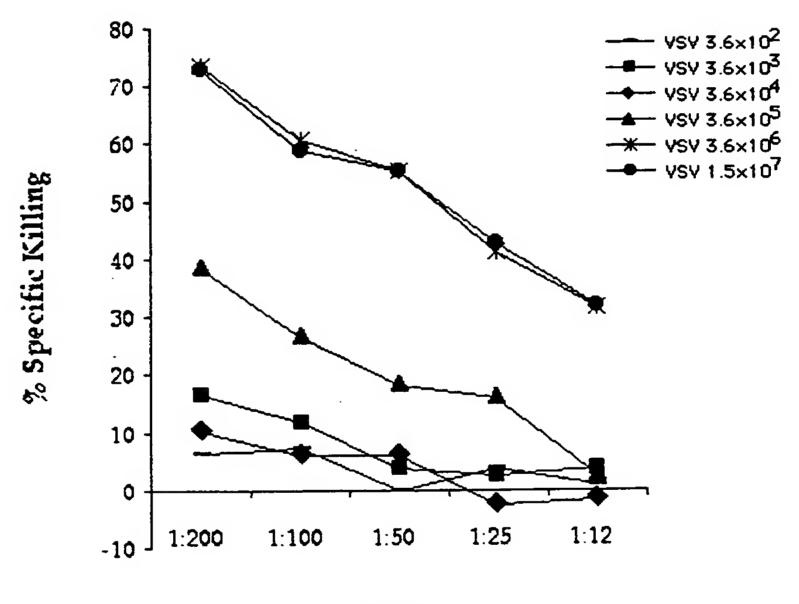


-	_
- 1	ш.
	7
-	_

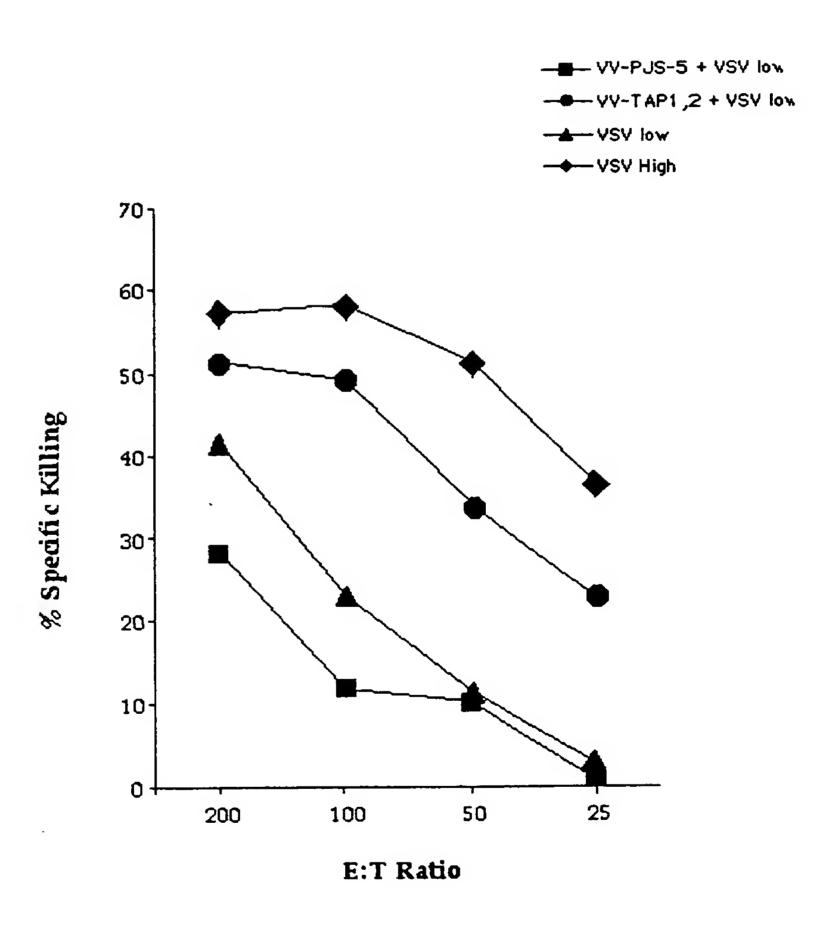
	VV-NP	VV-NP + VV-hTAP12		
VSV pCTL	1/78,000	1/16,000		

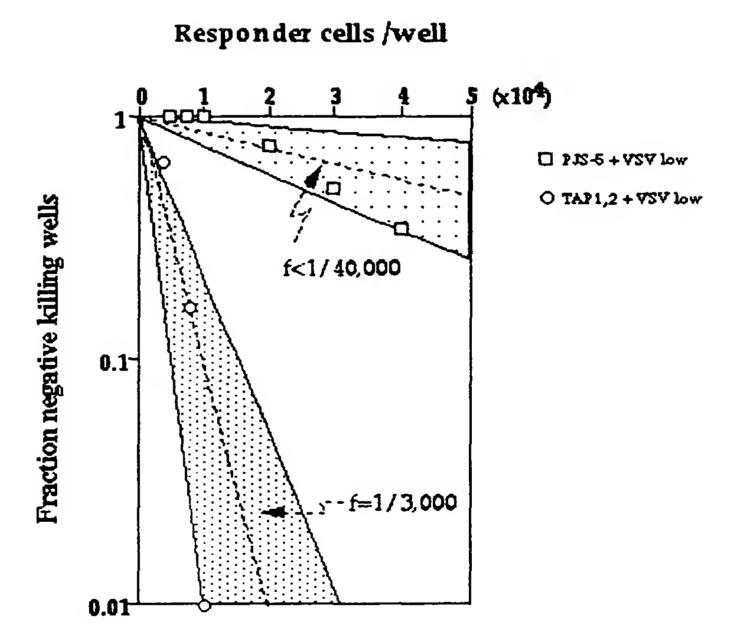


Target RMA + 25µM VSV-Np peptide



T:E Ratio



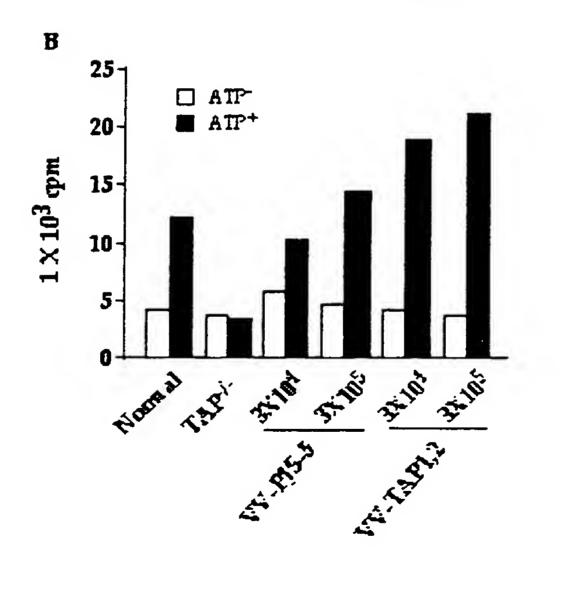


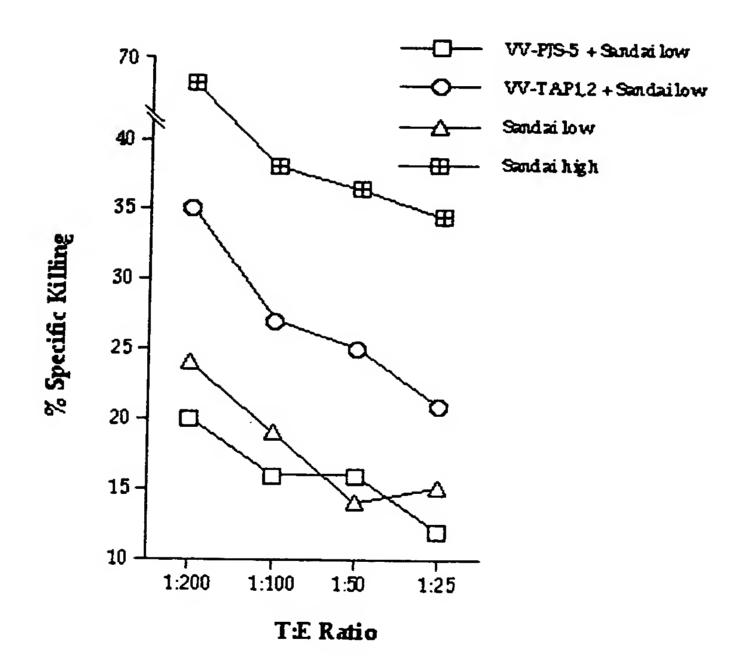
A

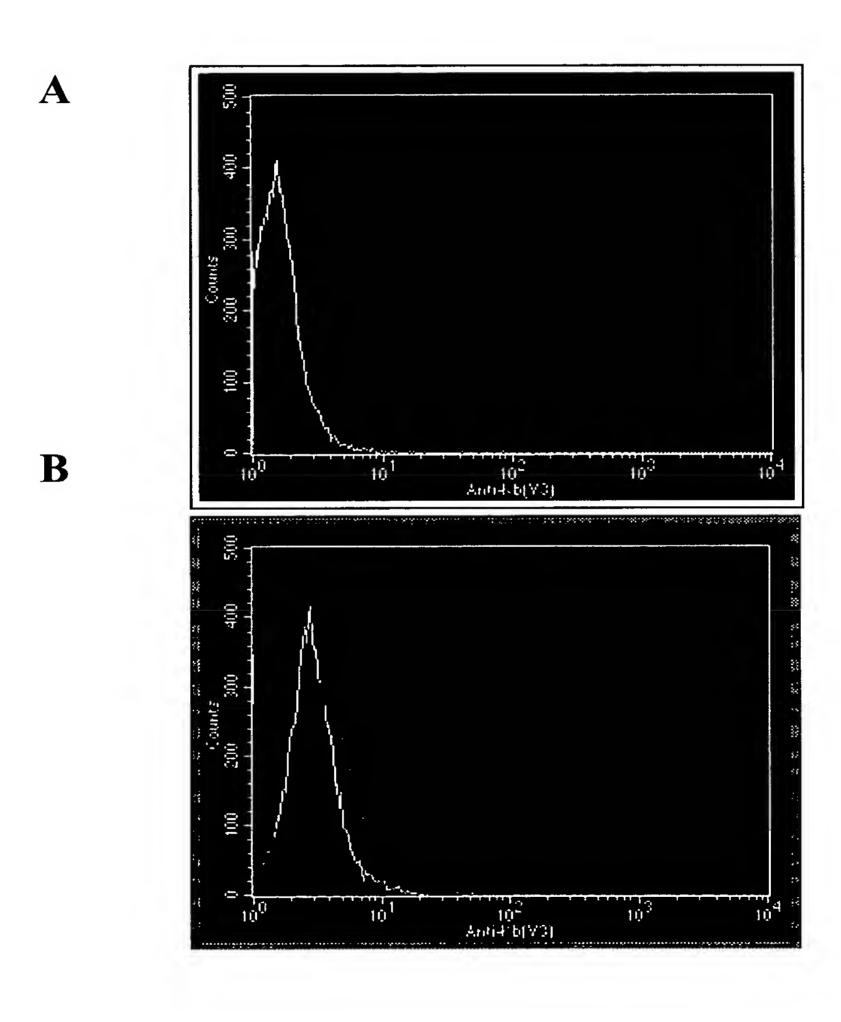
Murine Splenocytes

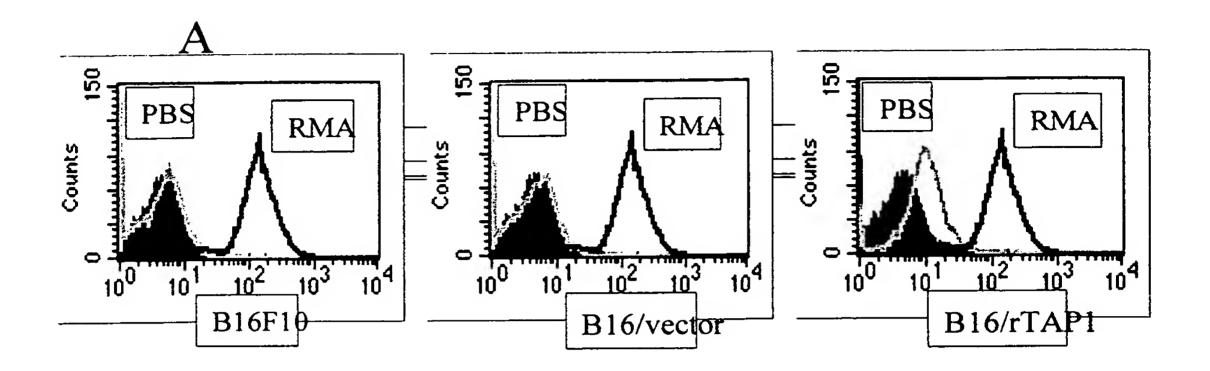
Hum an TAP1

Normal 3X10⁴ 3X10⁵
VV-TAP1,2









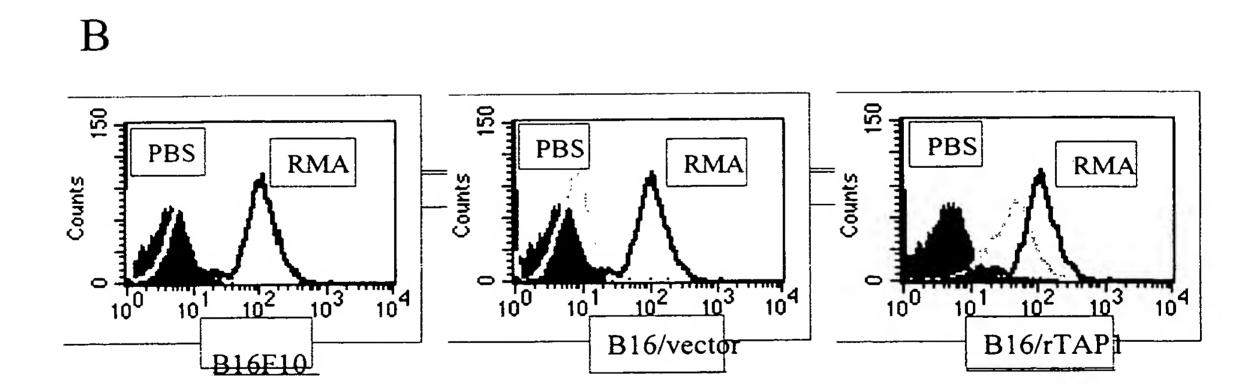


FIGURE 32A

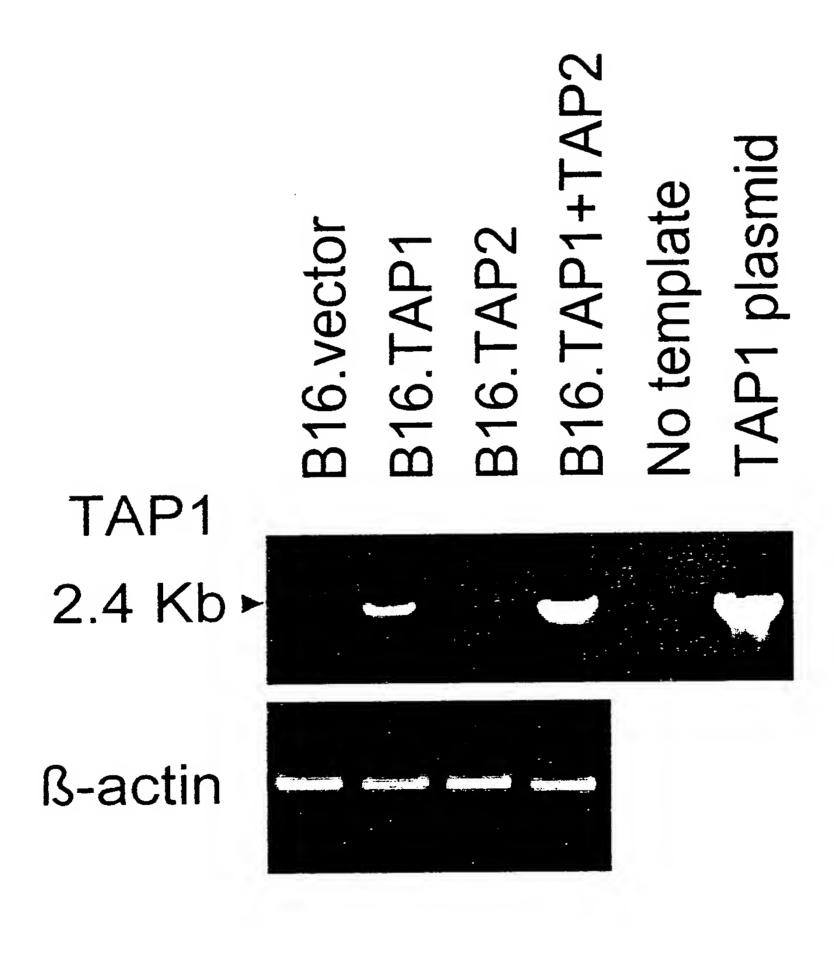
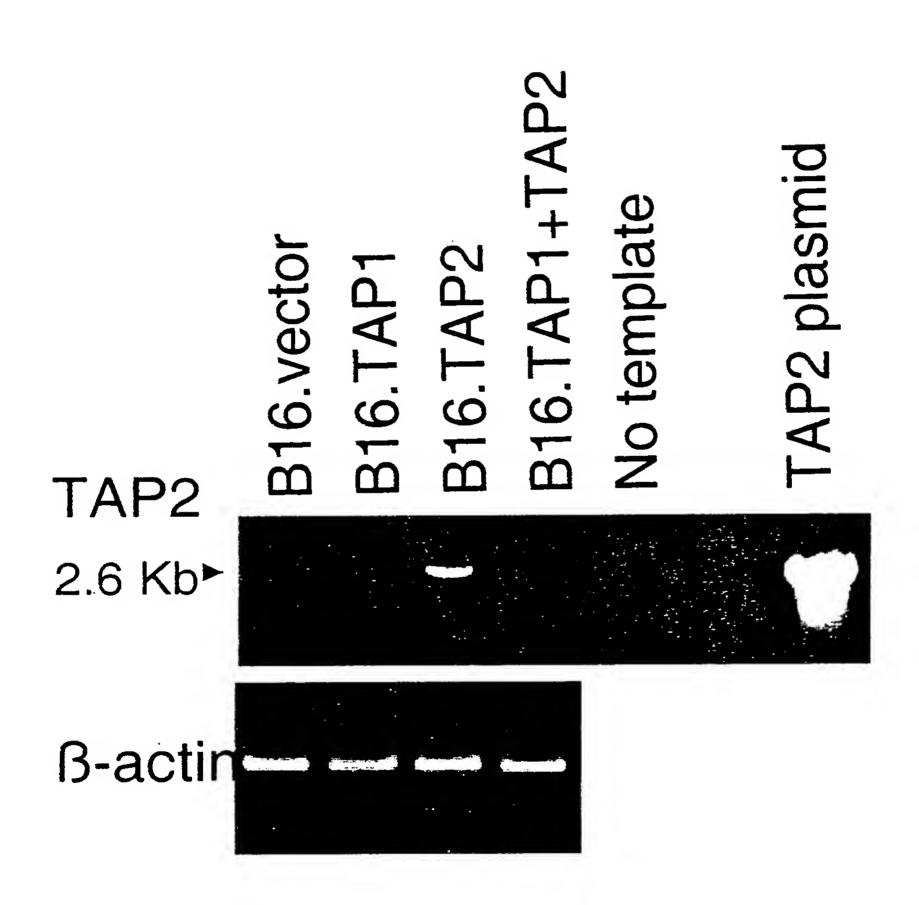
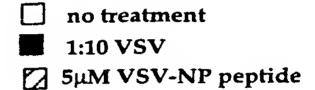
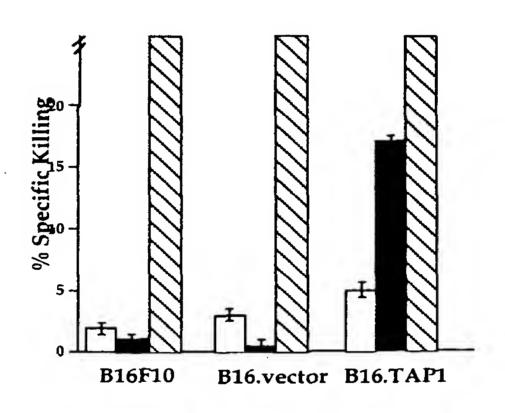


FIGURE 32B

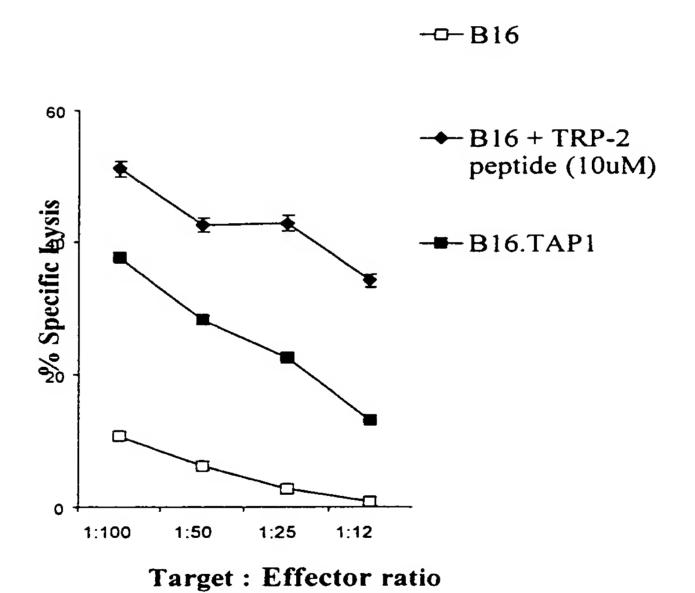


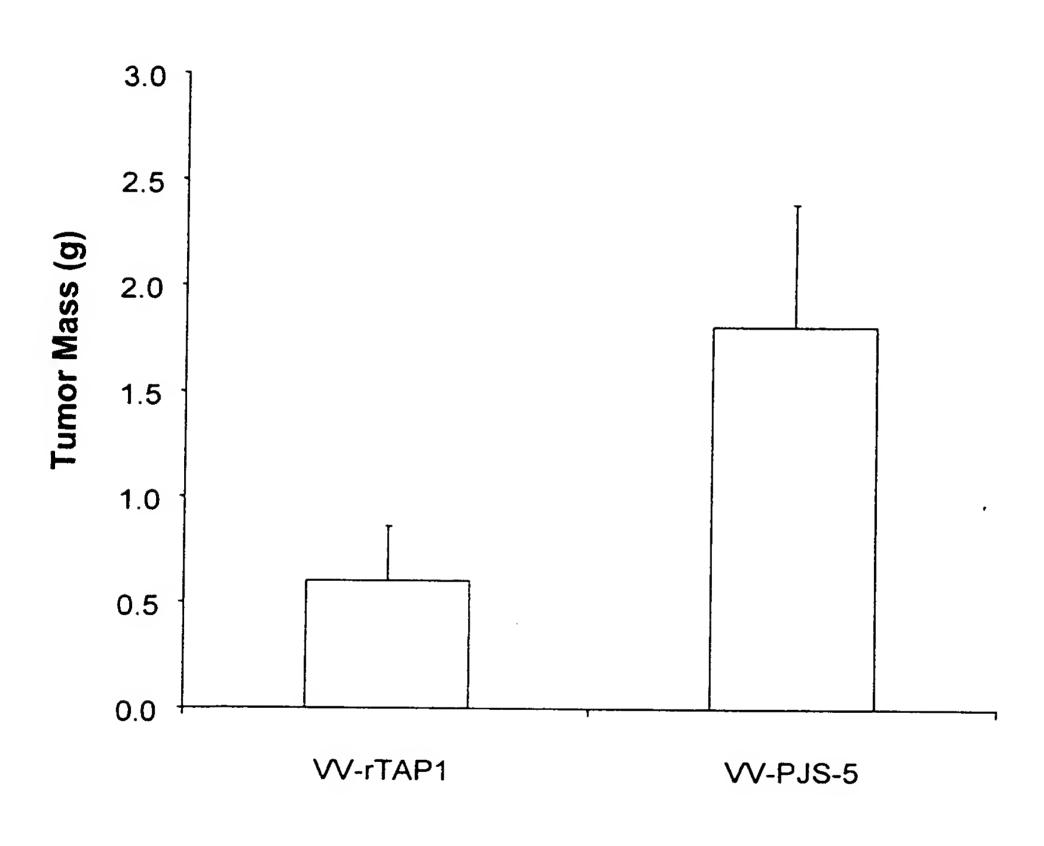
TAP1 enhanced the presentation of VSV-NP by B16 cells



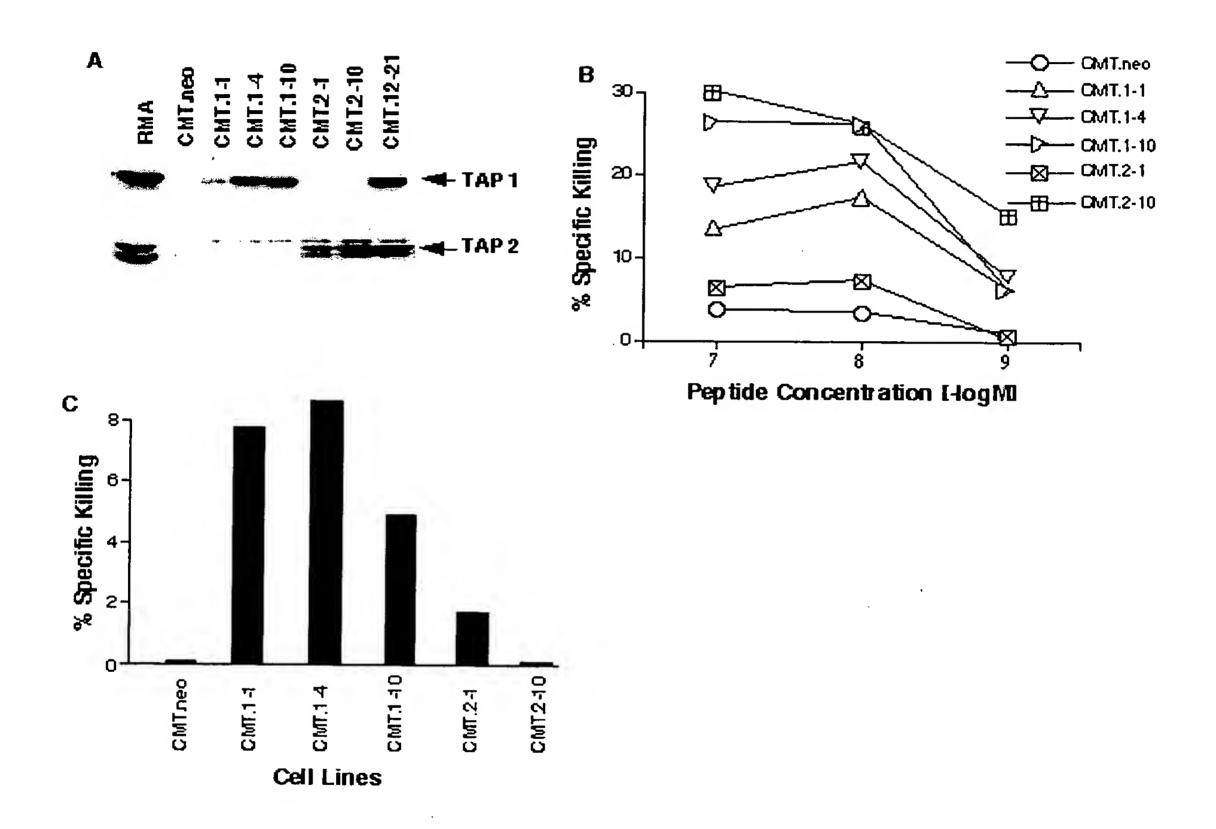


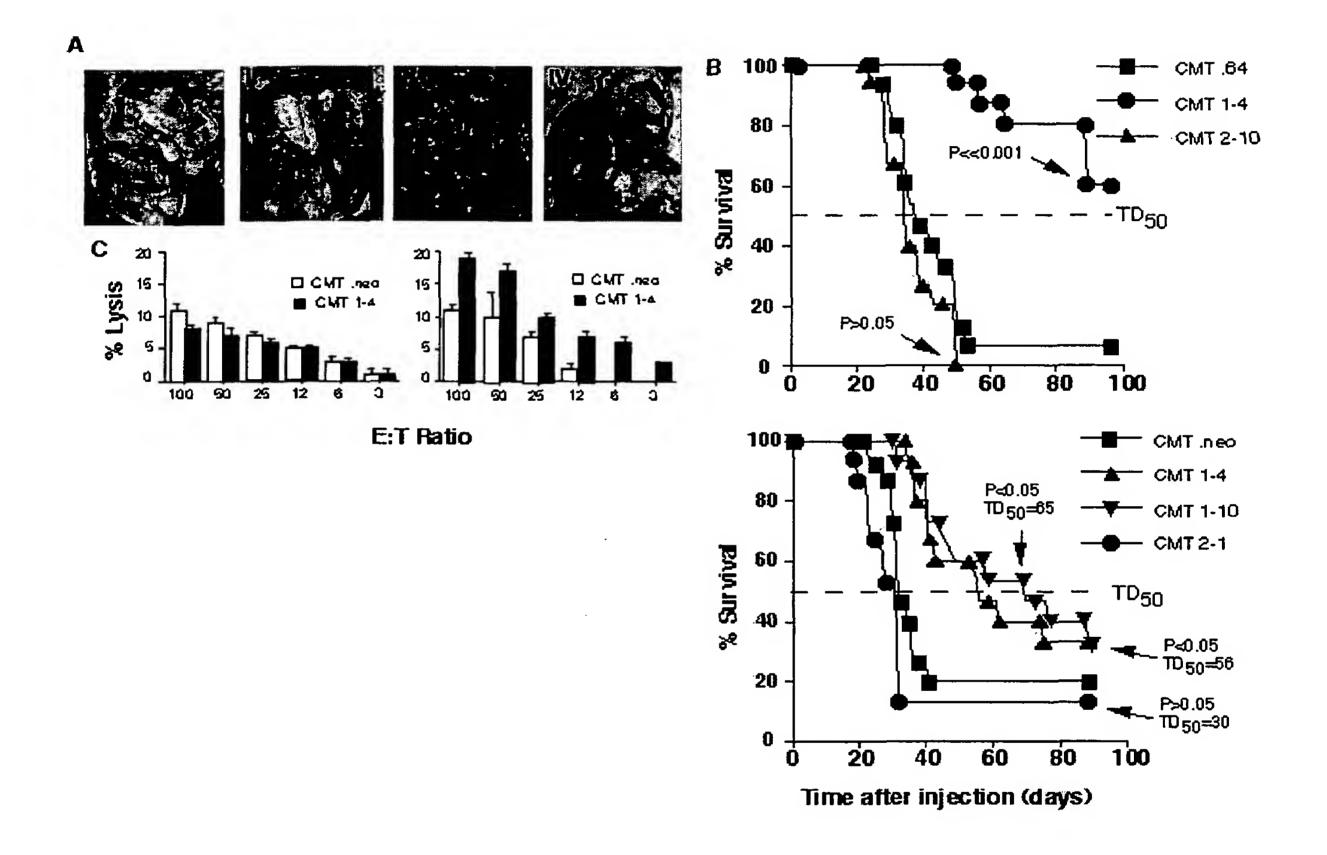
TAP1 enhanced the presentation of TRP-2 by B16 cells





Treatment





-	٠
-	
•	•

Tumor	one month		two months		Ratiob	
	CD4%s	CD8%	CD4%	CD8%	CD4	CD8
CMT.neo	0.54	0.41				
CMT.1-1	1.02	0.87			1.9	2.1
CMT.1-4			1.07	1.20	2.0	2.9
CMT.1-10	4.19	2.94			7.8	7.2
CMT.2-1	0.24	0.23			0.4	0.6
CMT.2-10	0.12	0.66			0.2	1.6



